

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
 Data File : BG025569.D
 Acq On : 21 Jan 2017 12:03
 Operator : UM/SJ
 Sample : I1267-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-21

Quant Time: Jan 23 02:27:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	68905	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	283131	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	227098	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	508025	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	733681	20.00	ng	-0.02
86) Perylene-d12	25.23	264	776908	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	335547	88.52	ng	-0.02
7) Phenol-d6	7.34	99	299724	56.14	ng	-0.02
23) Nitrobenzene-d5	9.36	82	749736	116.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	594515	162.61	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1523652	108.62	ng	-0.02
78) Terphenyl-d14	20.13	244	2605034	94.14	ng	-0.02

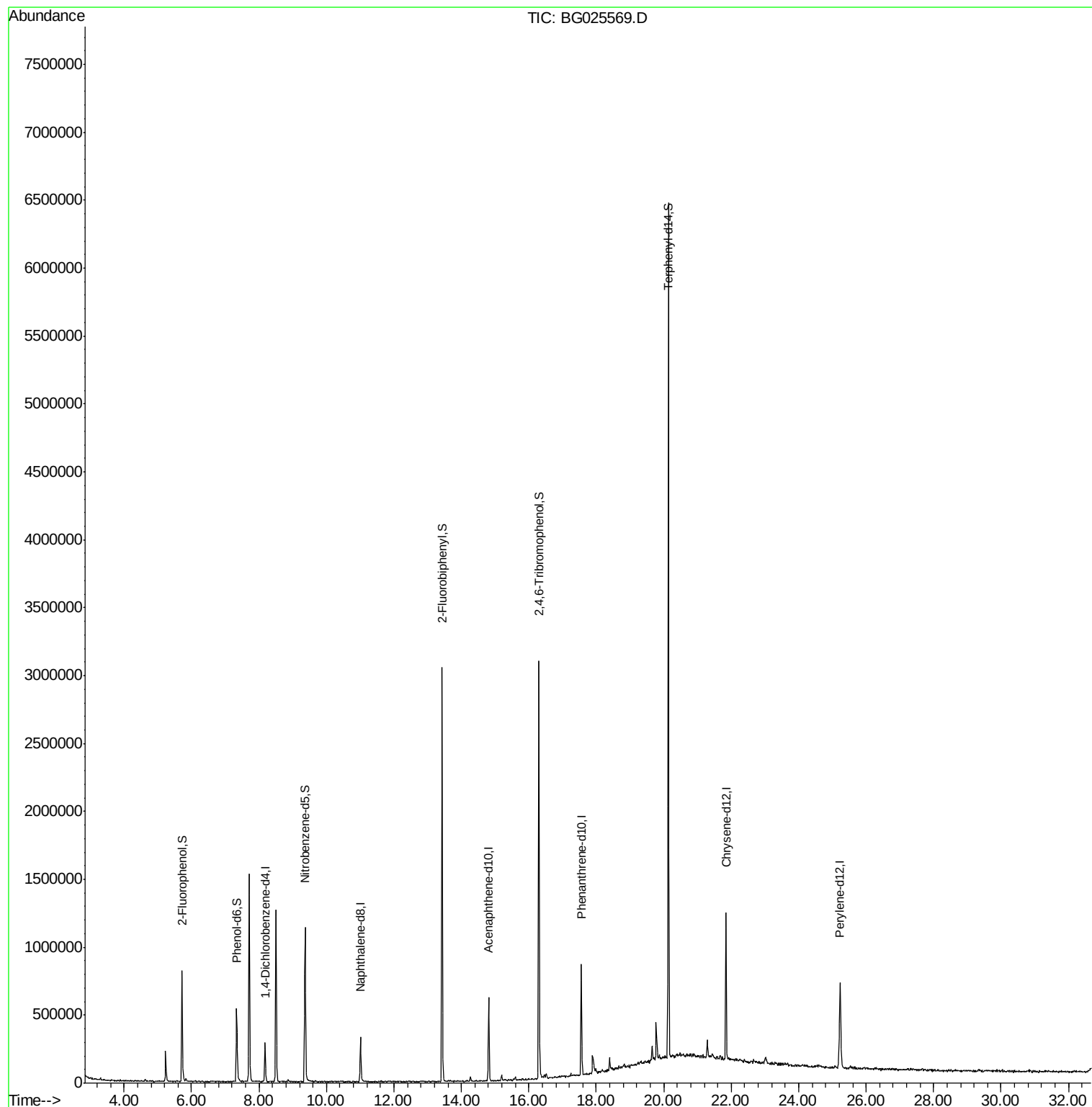
Target Compounds Qvalue

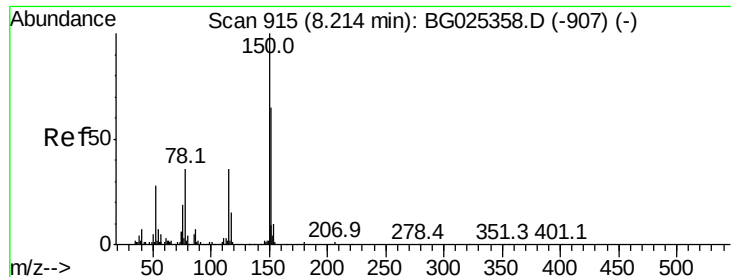
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025569.D

Acq: 21 Jan 2017 12:03

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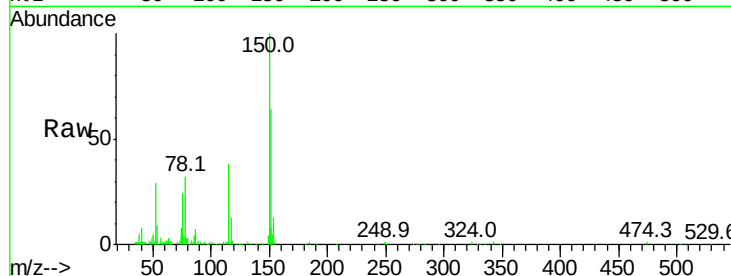
Tot Ion:152 Resp: 68905

Ion Ratio Lower Upper

152 100

150 155.4 114.0 171.0

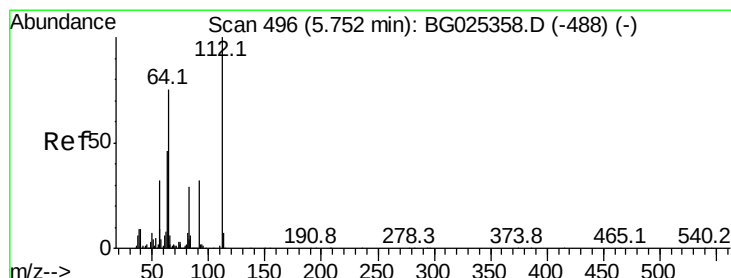
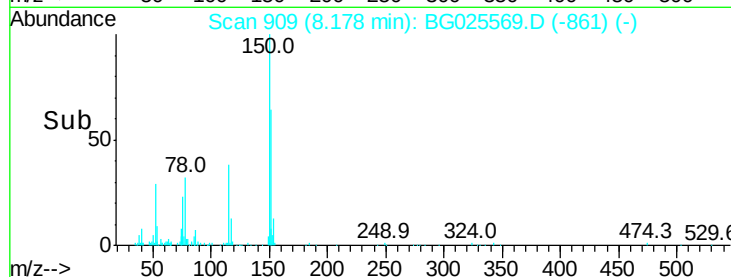
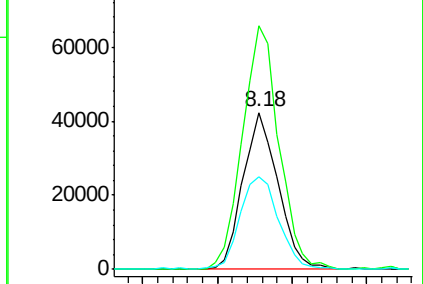
115 59.4 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 88.52 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025569.D

Acq: 21 Jan 2017 12:03

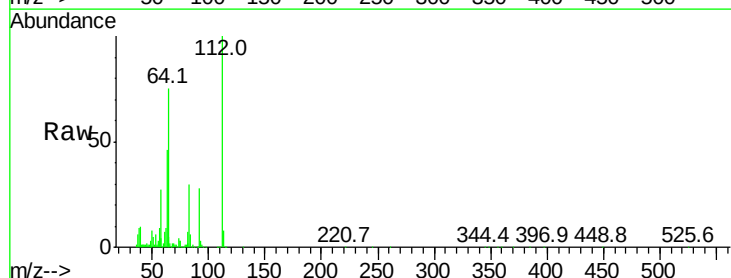
Tgt Ion:112 Resp: 335547

Ion Ratio Lower Upper

112 100

64 75.1 61.8 92.6

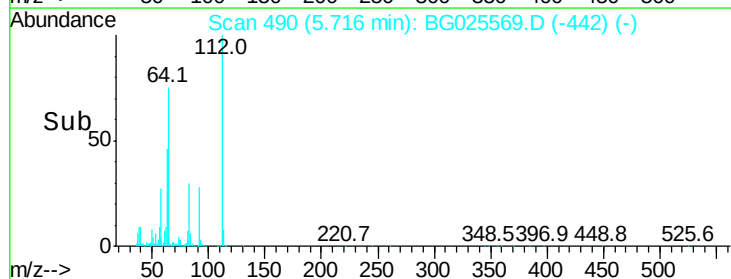
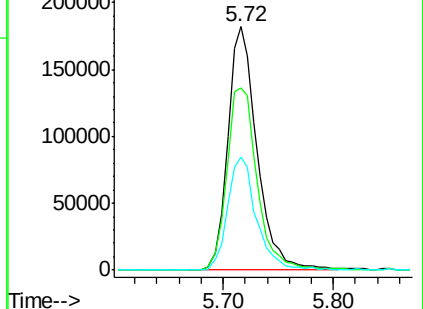
63 46.5 37.2 55.8

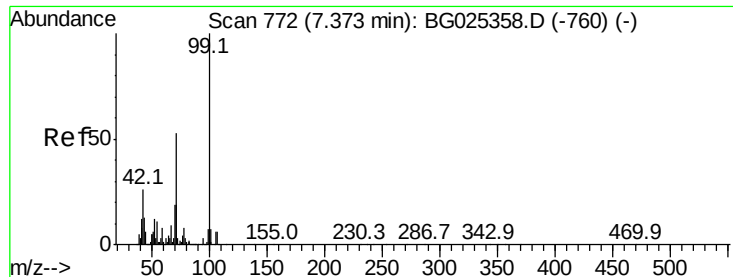


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 56.14 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025569.D

Acq: 21 Jan 2017 12:03

Instrument :

BNA_G

ClientSampleId :

MW-21

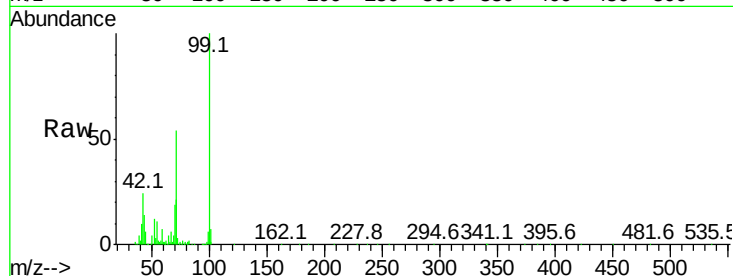
Tot Ion: 99 Resp: 299724

Ion Ratio Lower Upper

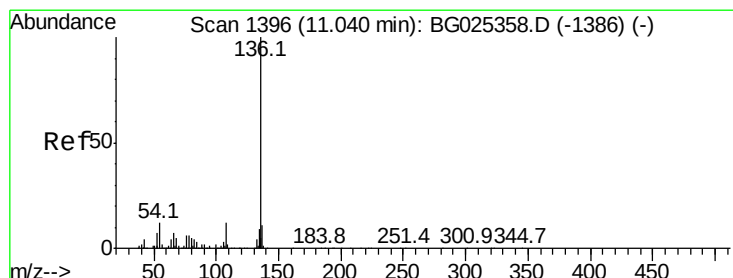
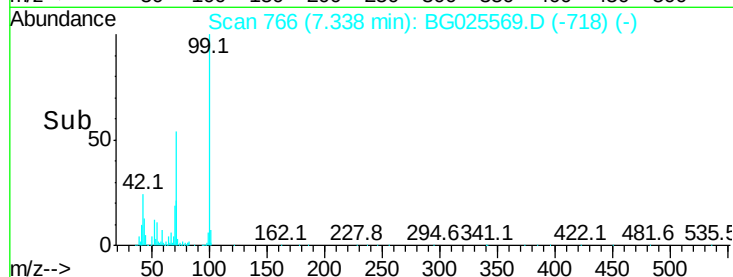
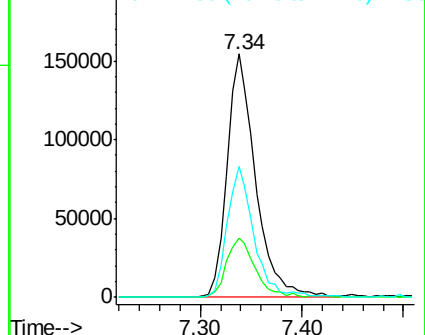
99 100

42 24.5 20.5 30.7

71 53.8 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BG025569.D

Acq: 21 Jan 2017 12:03

Tgt Ion: 136 Resp: 283131

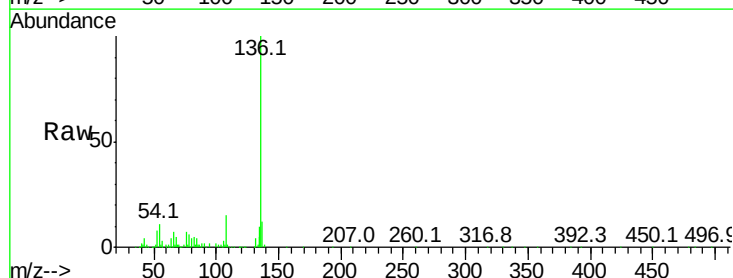
Ion Ratio Lower Upper

136 100

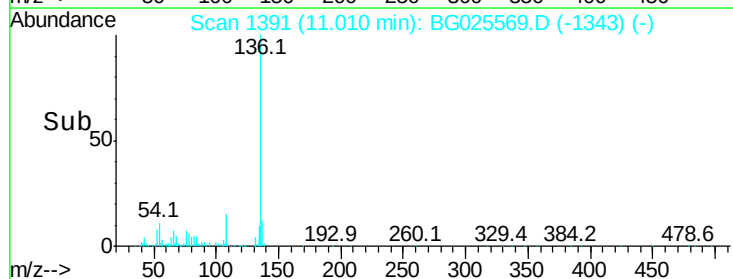
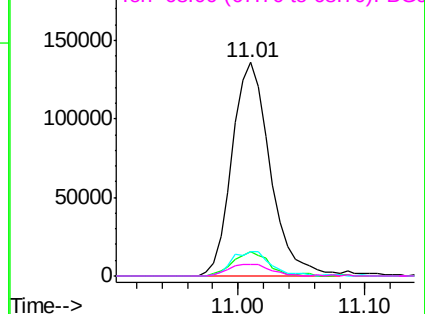
137 11.7 8.9 13.3

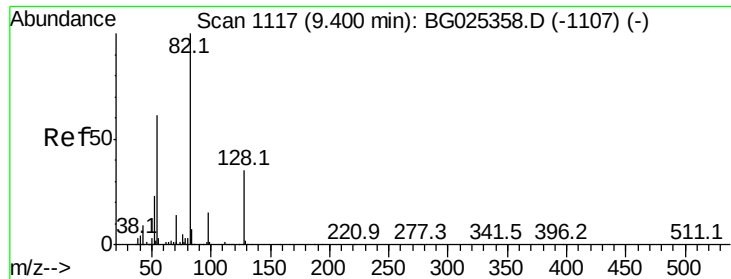
54 11.3 9.3 13.9

68 6.0 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

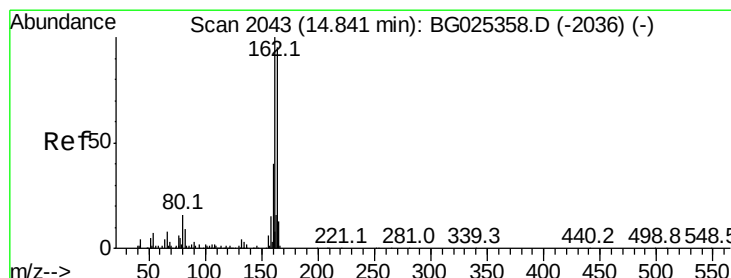
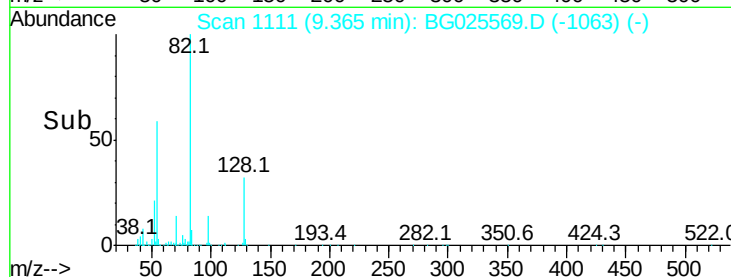
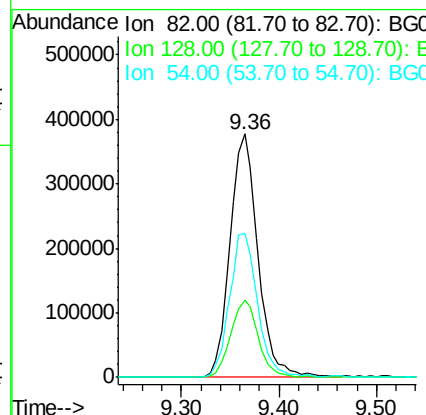
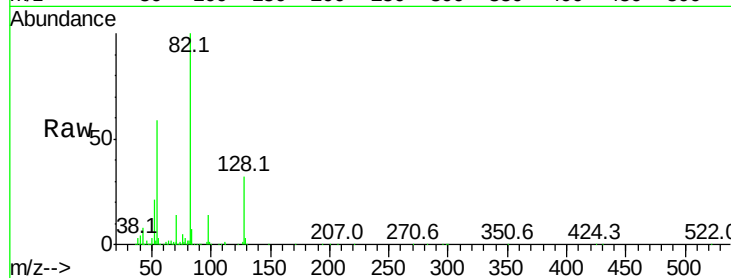




#23
 Nitrobenzene-d5
 Concen: 116.98 ng
 RT: 9.36 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025569.D
 Acq: 21 Jan 2017 12:03

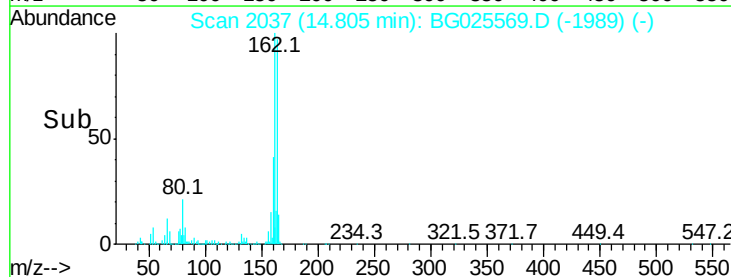
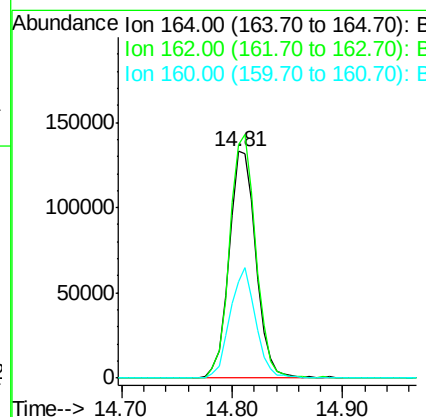
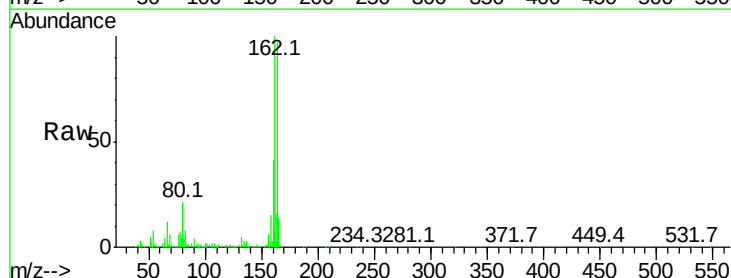
Instrument :
 BNA_G
 ClientSampleId :
 MW-21

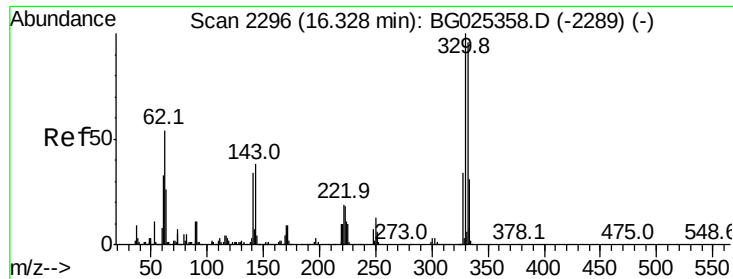
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.9	26.4	39.6
54	59.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025569.D
 Acq: 21 Jan 2017 12:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	42.7	34.7	52.1

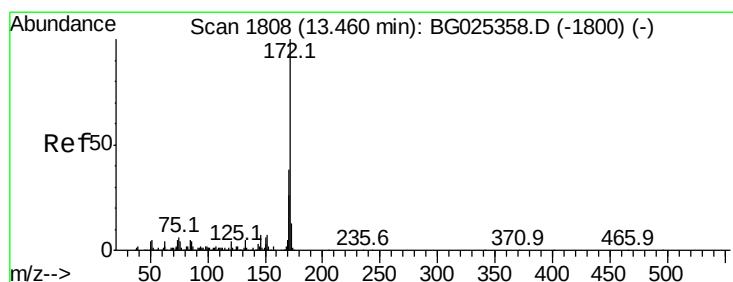
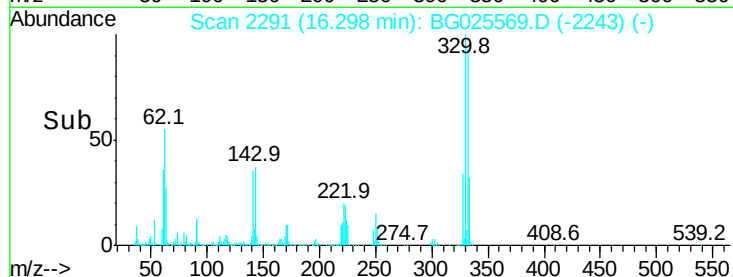
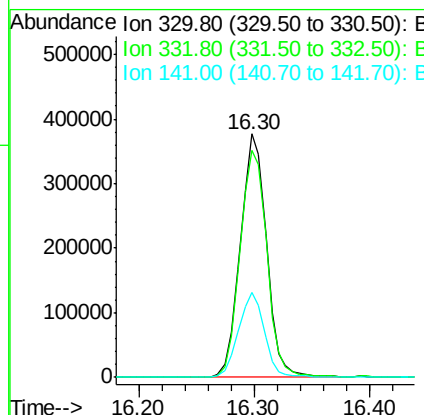
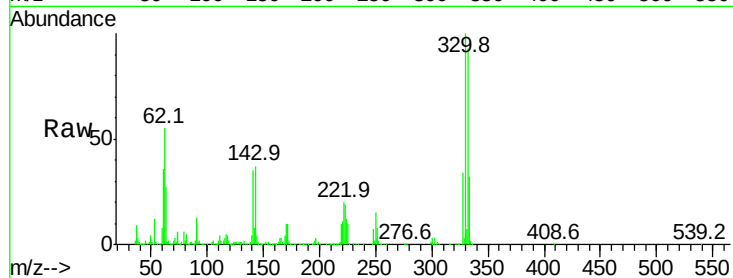




#41
 2,4,6-Tribromophenol
 Concen: 162.61 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025569.D
 Acq: 21 Jan 2017 12:03

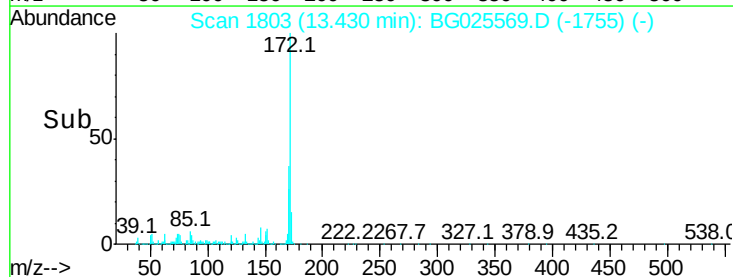
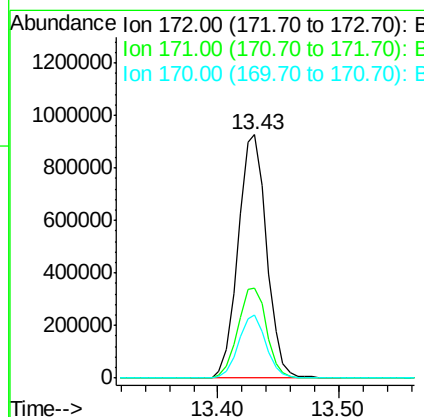
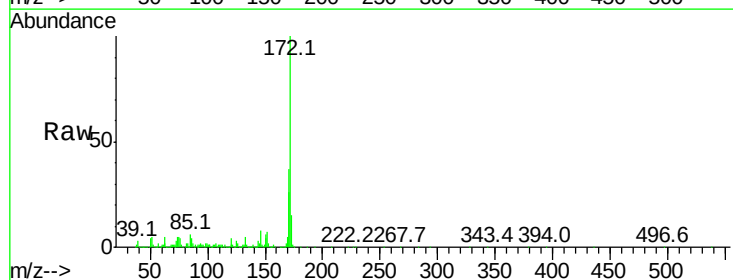
Instrument :
 BNA_G
 ClientSampleId :
 MW-21

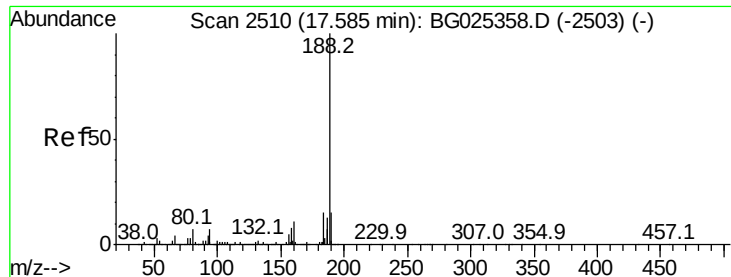
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	34.6	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 108.62 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BG025569.D
 Acq: 21 Jan 2017 12:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	26.1	21.8	32.6

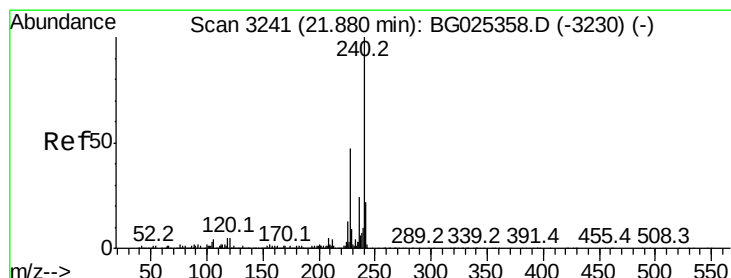
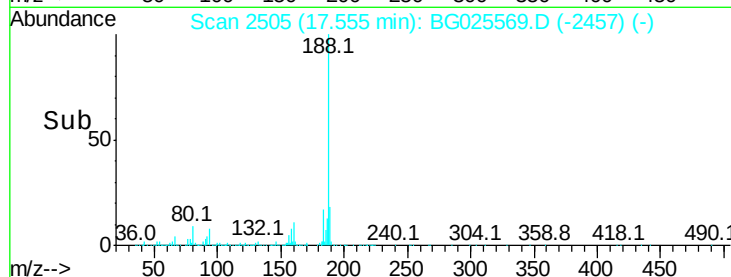
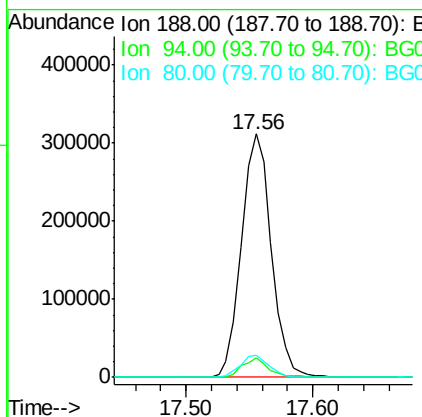
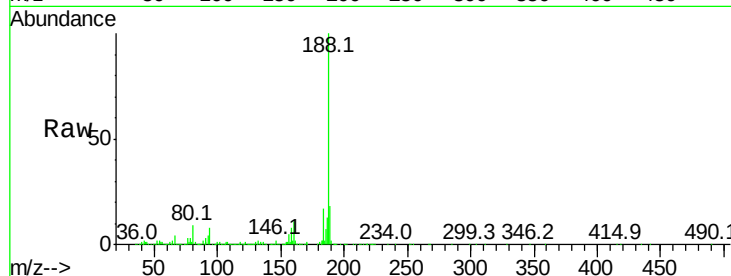




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

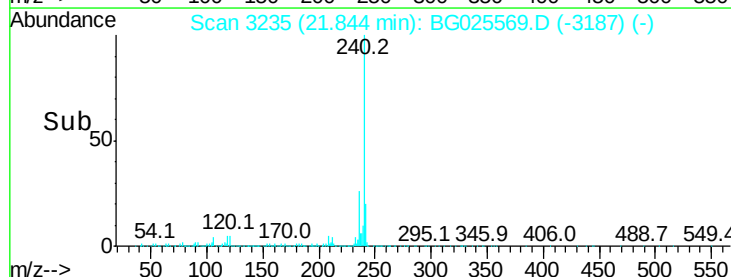
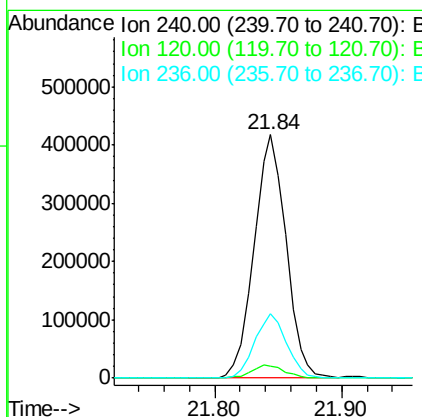
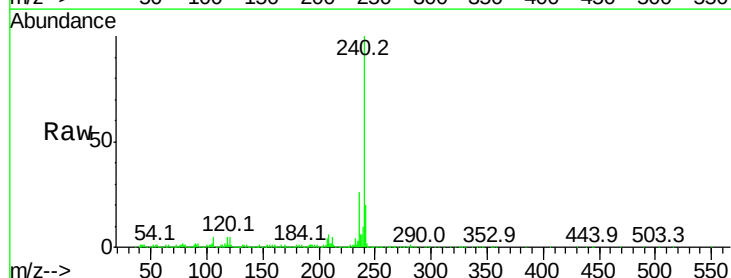
Instrument :
BNA_G
ClientSampleId :
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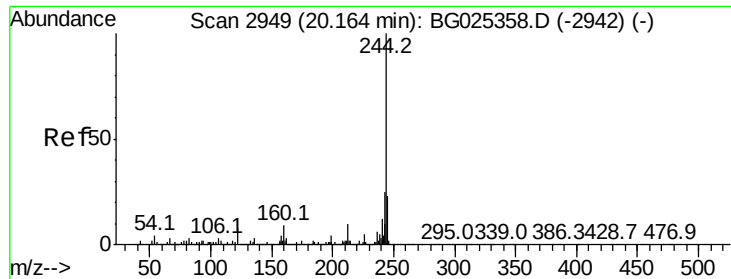
Tot Ion:188 Resp: 508025
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 9.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG025569.D
Acq: 21 Jan 2017 12:03

Tgt Ion:240 Resp: 733681
Ion Ratio Lower Upper
240 100
120 4.9 5.7 8.5#
236 26.4 22.2 33.4





#78

Terphenyl-d14

Concen: 94.14 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025569.D

Acq: 21 Jan 2017 12:03

Instrument :

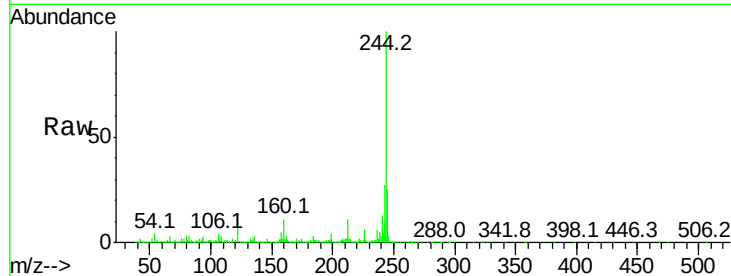
BNA_G

ClientSampleId :

MW-21

Tot Ion:244 Resp: 2605034

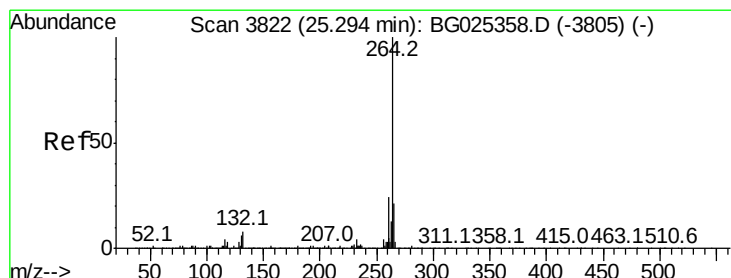
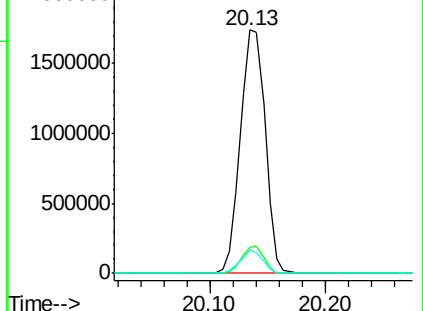
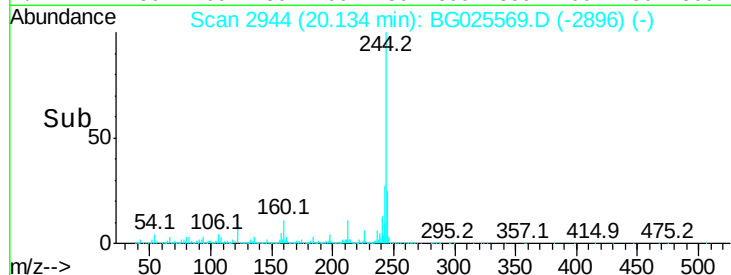
Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.0	15.0
122	9.5	8.6	12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

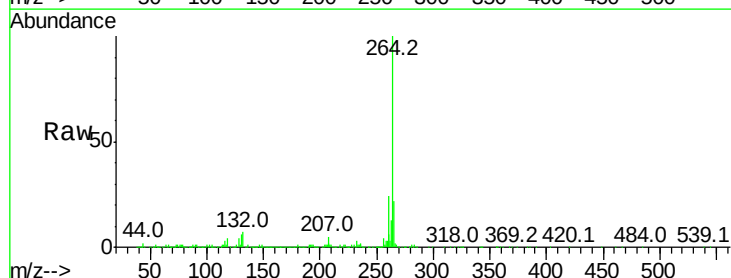
Delta R.T. -0.04 min

Lab File: BG025569.D

Acq: 21 Jan 2017 12:03

Tgt Ion:264 Resp: 776908

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	22.0	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

